

METHOD AND SYSTEM FOR AUTOMATICALLY SETTING
GAIN FOR AN AMPLIFIER IN AN OPTICAL NETWORK

ABSTRACT

A method for automatically setting a gain for an amplifier in an optical network includes transmitting, from a source proximate an upstream amplifier coupled to an optical span, a stable signal over the optical span. 5 The method also includes using the stable signal at a downstream amplifier coupled to the optical span to automatically set a gain of the downstream amplifier.